BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

SECTION- IX

VOLUME-II

Bill of Quantities (BOQ)

PART-I SUPPLY PORTION				
SL No	**Particulars**	**Unit**	**Total Qty**	**Material code**
1	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**69**	200006
2	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**91**	CDS materials for General works
3	Supply & Providing of 45KN Composite polymer insulators.	No	**93**	283320
4	Supply & Providing of 11kV Composite Polymer pins insulators.(24mm dia FRP rod)	No	**195**	283008
5	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**40**	CDS materials for General works
6	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**19.75**	284108
7	Supply & Providing of Spiral Earth Electrode	No	**112**	281683
8	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**5**	304212
9	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**5**	613050
10	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**32**	278911
11	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**15**	281674+600095+607054, CDS 60
12	Supply & providing of GI wire 8SWG	kg	**25**	281008
13	Supply & providing of Guy wire 7/10SWG	kg	**50**	281110
14	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**5**	303202, CDS 60
15	Supply & providing of LT Protection kit	No	**5**	301107
16	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**5**	302122
17	supply & providing Transparent Alkathine tube 19mm dia, 2mm thick in coils of 30 mtrs	Coil	**5**	821900
18	Supply & Erection of 9M PSCC pole WL 300Kg	No	**9**	200005
19	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**9**	280119, CDS materials for General works
20	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**9**	321437
21	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**9**	
	Aluminium lead wire 50 sqmm	Mtr	**225**	289031
	Heavy duty long barrel copper lugs- 50 sqmm	No	**90**	288531
	P.G Clamps - Rabbit to 50 sq.mm	No	**36**	285508, CDS 63

	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**18**	280800+280511, CDS 63
	Spacers for DTC wiring	No	**72**	284503
22	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**43**	200004
23	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**58**	280014, CDS materials for General works
24	1.1 kV Pin Insulator with GI Pin	No	**128**	283053, CDS 5
25	No. 8 Strain Insulator	No	**96**	283158
26	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**19**	CDS materials for General works

PART-II ERECTION PORTION			
SL No	**Particulars**	**Unit**	**Total Qty**
1	Supply & Erection of PSCC pole 9 mtr long 200kg W/L (for intermediate only)	No	**44**
2	Supply & Erection of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for PSCC Pole - 9 Mtr Long, 200 Kg WL-GI	set	**45**
3	Supply & Providing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials-GI	set	**48**
4	Supply & stringing of ACSR Rabbit conductor with 1.5% sag as per BESCOM Specification	Km	**8.12**
5	Supply & Providing of Spiral Earth Electrode	No	**44**
6	Supply & providing of 11kV class 200 AMPS Single Break GOS	Set	**9**
7	Supply & providing of caution/Danger board as per drawing no.BESCOM/GM/CP/40/24.10.17	No	**9**
8	Supply & Fixing of Anticlimbing Device GI Barbed Wire (12 mtrs/1kg)Lumpsum	Kg	**18**
9	Supply & providing of Earthing materials pipe type for grounding as per Drawing No BESCOM/GM/CP/15&34 dt:24.10.17(Single Electrode with accessories)	No	**27**
10	Supply & providing of 11kV lightning arrestors, poliymer Type,9kV 5 kA (Set=3No)	Set	**9**
11	Supply & providing of LT Protection kit	No	**9**
12	Supply & providing of H.G.Fuse unit,11kV solid core Type(Set=3no)	Set	**9**
13	Supply & Erection of 9M PSCC pole WL 300Kg	No	**9**
14	Supply & Erection of Single Pole Mounted Transformer kit for 25 kVA on 9 mtr PSCC Poles of 300kG WL --GI with H-frame	Set	**9**
15	Supply & Erection of 11kV/433V, 25 kVA,3phase 50cys Distribution Transformer BEE-4star rated	No	**9**

16	Supply & providing of LT wiring (from 25 KVA DTC to LT line)		**9**
	Aluminium lead wire 50 sqmm	Mtr	**225**
	Heavy duty long barrel copper lugs- 50 sqmm	No	**90**
	P.G Clamps - Rabbit to 50 sq.mm	No	**36**
	Fish Plate with necessary Clamps, bolts & nuts etc complete (Galvanised)	No	**18**
	Spacers for DTC wiring	No	**72**
17	PSCC Pole - 8 Mtr Long, 200 Kg WL (for Intermediate Pole)	No	**9**
18	LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for PSCC Pole - 8 Mtr Long, 200 Kg WL-GI	Set	**11**
19	Supply & Providing of Guy Set Complete with No 8. Strain Insulator & Concreting materials-GI	Set	**4**
20	Guy concreting with Boulders, Mud and Sand	No	**4**